



Docket No.: H6808.0044/P044
(PATENT)

IN THE UNITED STATES PATENT AND TRADEMARK OFFICE

In re Patent Application of:
Kazuaki Tobari, et al.

Examiner: Rita Leykin

Application No.: 10/784,803

Art Unit: 2837

Filed: February 24, 2004

Allowed: April 6, 2005

For: CONTROL METHOD AND CONTROL
DEVICE OF PERMANENT-MAGNET
TYPE SYNCHRONOUS MOTOR

**COMMENTS ON EXAMINER'S
STATEMENT OF REASONS FOR ALLOWANCE**

Commissioner for Patents
MS: Issue Fee
P.O. Box 1450
Alexandria, VA 22313-1450

Dear Sir:

Applicants agree only in part with the Examiner's statement for allowance. The Examiner's statement does not reflect all of the language of each of the allowed claims. The totality of the language of each claim provides additional reasons for the allowance of each claim.

Moreover, the Examiner's reasons for allowance are *not* commensurate in scope with all of the allowed claims. For example, the Examiner indicates that none of the prior art teaches or suggests in combination: "[a] second step for estimating axial displacement caused in the motor by a control response angular frequency in the frequency arithmetic unit as a second axial displacement signal, and [a] third step for

inputting a third axial displacement signal acquired by adding the first and second axial displacement signals to the frequency arithmetic unit." These claim limitations are found in claim 1.

Claim 2, however, recites a control method comprising, *inter alia*, "a second step for estimating axial displacement caused in the motor in relation to the frequency arithmetic unit as a second axial displacement signal; and a third step for inputting a third axial displacement signal acquired by adding the first and second axial displacement signals to the frequency arithmetic unit."

Claim 11 recites a control device comprising, *inter alia*, "second axial displacement signal estimating means for estimating axial displacement caused in the motor in relation to the frequency arithmetic unit as a second axial displacement signal; and means for inputting a third axial displacement signal acquired by adding the first and second axial displacement signals to the frequency arithmetic unit."

Dated: July 6, 2005

Respectfully submitted

By 

Mark J. Thronson

Registration No.: 33,082

DICKSTEIN SHAPIRO MORIN &
OSHINSKY LLP

2101 L Street NW

Washington, DC 20037-1526

(202) 785-9700

Attorney for Applicants